

**TECHNIQUES FOR OPERATING NON-VOLATILE MEMORY
SYSTEMS WITH DATA SECTORS HAVING DIFFERENT
SIZES THAN THE SIZES OF THE PAGES AND/OR
BLOCKS OF THE MEMORY**

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ABSTRACT OF THE DISCLOSURE

A non-volatile memory system, such as a flash EEPROM system, is
10 disclosed to be divided into a plurality of blocks and each of the blocks into one or more
pages, with sectors of data being stored therein that are of a different size than either the
pages or blocks. One specific technique packs more sectors into a block than pages
provided for that block. Error correction codes and other attribute data for a number of
user data sectors are preferably stored together in different pages and blocks than the user
15 data.